

ABSTRACT

The present invention is a composition for modifying an amount of charges on a surface of a target particle in a sample and separating or quantitatively determining the target particle in the sample, based on the modified surface charge amount, and relates to the composition comprising a charge control agent having a positive or negative charge in a solution and being capable of specifically binding to the target particle. The present invention also relates to a method of separating or quantitatively determining the target particle in the sample. The above method comprises the steps of mixing a sample containing the target particle and a charge control agent specifically binding to the target particle and having a positive or negative charge in the sample, and binding the charge control agent to the target particle; and separating or quantitatively determining the target particle provided with the charge control agent bound thereto, based on a surface charge modified by the binding of the charge control agent, by applying a voltage or current to the sample resulting from the mixing.